Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Tuesday 28 Mar 2023 until 23:59 on Wednesday 29 Mar 2023

Forecast Issued on Monday 27 Mar 2023 at 14:52

Confidence: High confidence for a return to milder conditions and wet and windy weather from the southwest. Low confidence in weather forecast towards the weekend especially wind direction and rain amounts. Also low confidence in amount of showers later in the week.

Headline for Tuesday 28 Mar 2023: A dry start but rain soon spreading across the area with strong southerly winds, becoming gradually milder during the day.

Mountain weather hazards on Tuesday 28 Mar 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
Medium Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Light rain	Heavy Rain	Heavy Rain	Drizzle	Cloudy
Precipitation probability							
10%	10%	10%	40%	80%	80%	30%	10%

Forecast for Tuesday 28 Mar 2023

Weather: Mainly dry overnight but increasing cloud cover from the west during the night. The best conditions are likely in the early morning before rain spreads in from the west. Rain is likely to be heaviest by late morning with some drier interludes possible further east, perhaps a few cloud breaks here later too. Although the main band of rain will clear east during by late afternoon it will remain damp and drizzly for some areas into the evening, possibly some evening brightness in the south.

Chance of cloud-free hill tops above 600m: 80% falling to 30% or less in the afternoon as cloud lowers in association with the band of rain moving across the area.

Low cloud and visibility: Patchy or scattered low cloud layers above 500m in the morning, mainly confined to southern and western high ground at first. Cloud will thicken and lower with layers above 300m in the afternoon. It will become extensive during the day with visibility becoming quite poor and navigation will become quite tricky at height. Some brighter spells may be found in the east later in the afternoon with cloud tending to thin and lift during the evening.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Tuesday 28 Mar 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/26 S	17/27 S	19/29 S	20/31 S	21/31 S	21/31 SW	19/28 SW	16/25 SW	15/24 SW
300	12/20 S	14/23 S	14/22 S	15/25 S	16/26 S	18/29 S	15/24 SW	13/21 SW	11/19 SW
Valley	8/20 SE	9/20 S	9/21 S	11/25 S	12/25 S	13/27 S	11/24 S	9/21 SW	9/19 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-4	1/-5	1/-5	2/-4	4/-2	5/-0	5/1	6/2	6/2
300	3/-2	3/-2	3/-2	4/-0	6/2	7/3	8/4	8/5	8/5
Valley	3/0	4/0	4/1	5/2	6/3	8/4	8/5	8/6	8/6
Freezing Level*	700m	800m	1000m	1000m	1400m	1700m	1700m	1700m	1700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Dull and damp conditions and with fresh to strong winds at height a significant windchill is expected in the morning. Turning milder as the day goes on but very poor visibility at all levels in the afternoon.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 27 Mar 2023	0mm	0.2mm	8mm

Forecast for Wednesday 29 Mar 2023

Weather: Cloudy but mainly dry in the morning and the possibility of a few brighter spells, although some mist around the area will be hard to clear. Cloud and rain spreading east from late morning with heavy rain at times through the afternoon. Dry for a time by late afternoon but further showers possible during the evening.

Maximum wind: Southerly 15 gust 25 mph increasing during the afternoon to 25 mph gusts 35 mph.

Chance of cloud-free hill tops above 600m: 70% falling to 40%, improving again later, cloud coming and going from the summits during the day.

Low cloud and visibility: Patchy or scattered cloud above 500m in the morning becoming broken layers above 300m in the afternoon, chance of some brighter conditions and cloud free summits in the morning before the rain arrives however early morning cloud may be slow to clear. Cloud may also clear later in the afternoon with some temporary dips in visibility in evening showers.

Temperature: **Valleys:** Plus 12 Celsius.
At 600m: Plus 8 Celsius.
Freezing level: Above all summits

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